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TI High-strength and high-conductive electric conductor copper  
alloy  
IN Ueyama, Norihiko; Yuzawa, Giichi; Hirano, Yasuaki  
PA Furukawa Electric Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 2 pp.  
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AB The Cu alloy contains 0.50-1.0 Sn and 0.10-0.50 Ag and is useful for high tension wire or conductors. Thus, a Cu alloy [58354-32-8] ingot containing 0.8 Sn and 0.2% Ag was drawn to 10 mm diameter at 800-850°, heat treated 1 hr at 650°, and cold drawn to 1.0 mm. The properties were tensile strength .apprx.69 kg/mm<sup>2</sup> and elec. conductivity .apprx.59% IACS.